

## Description

MO 13 and MO 13.50 mobile whip antennas are designed for fixed assembly at different metal-roof vehicles.

Antenna consists of antenna holder, matching circuit, plastic cap, antenna whip and stainless steel spring. Holder is made of nickel-galvanized aluminium alloy. Visible areas are sprayed with black baking paint. Matching circuit is placed in water-tight plastic cap. Cap is made of glass-filled polyamide. Antenna whip is conductively connected with matching circuit through stainless antenna parts. Whip surface is green (khaki).

Connector is located on the bottom of antenna holder.

**Installation:** It is recommended to place antenna as close as possible to the centre of upper conductive part of vehicle body. Antenna is fixed by bolts. Assembly holes correspond to UK/NATO standard.



Detail of antenna base

## Technical Specifications

Type		MO 13	MO 13.50
Frequency range	MHz	30 ÷ 88	
Signal range for common undulating ground	Output Tx power 0,2 W	~ 4	
	Output Tx power 5 W	~ 15	
Diagram		omnidirectional	
Polarization		vertical	
VSWR		≤ 6	
Impedance	Ω	50	
Maximum input power	W	30	70
Operating temperature	°C	-30 ÷ +60	
Dimensions: antenna base diameter × height	m	∅ 130 × 1585	
Weight	kg	1.7	
Connector type		BNC female	

